NOTE XXXI.

ON A NEW GENUS AND SPECIES OF BAT FROM CELEBES.

BY

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Boneia, n. g.

Upper and lower lips deeply grooved; index finger with a distinct claw; wings from the back near the spine; metacarpal bone of the middle finger slightly shorter than the index finger; tail well developed, rather thick; in the upper jaw two incisors separated from the canines and from each other; upper canines grooved in front, lower canines inclined outwards.

Boneia bidens, n. sp.

Dentition. Inc. $\frac{1—1}{2—2}$, c. $\frac{1—1}{1—1}$, p. m. $\frac{3—3}{3—3}$, m. $\frac{2—2}{3—3}$.

Nostrils projecting by their inner margin, deeply emarginate between: lower lip terminating in front in two ovale naked spaces separated by a rather deep groove.

Eyes equally distant from nostrils and ears.

Ears moderate, rounded at the tip; a prominend thickened lobule at the base of the outer margin.

Wings from the back near the spine, about two lines apart at their origin and from a point between the metacarpal bones of the first and second toe.

Tail comparatively long and very thick, projecting two thirds its length beyond the interfemoral membrane.

Roof of the mouth with seven semi-circular palate-ridges: the four anteriores are undivided, the three posteriores are divided each by a narrow incision into two toothed half-ridges.

Upper incisors very small, unicuspidate, separated from each other by a large interval and also from the canines by a wide space. Lower incisors unicuspidate, close to the canines: in front they are separated in pairs by a narrow interval; the outer incisors are larger and stronger than the inner ones. Upper canines *grooved* in front, lower ones smooth, distinctly *inclined outwards*. First upper premolar minute, second premolar subacute, well developed; third premolar less than half the size of the former, equal to the molars in size. The two first lower premolars about half the size of the lower canines, subacute. The third lower premolar slightly elevated above the molars, almost as high as the other lower premolars.

No shoulder-glands in male.

Penis without bone. Claws very large and strong, well arched.

Muzzle, ears, wings, interfemoral membrane, tibiae and feet naked. Small glands above the eyes, lips and chin are ornated with long and rather stiff hairs.

Face in front of the ears yellowish brown; crown and back of head, a half collar ending on the sides of the neck and the shoulders golden yellow. Chin, chest, abdomen, femur and upper half of humerus dark brown. Naked parts of wings and interfemoral membrane brown.

Fur moderate long and dense. The fur of the half collar slightly longer.

Type in the Leyden Museum.

Notes from the Leyden Museum.

Measures of an adult male, preserved in alcohol —

	m. m.
Head and body	190
Tail	23
Eye from nostril	16.5
» » ear	16.5
Ear	23
Forearm	94
Thumb with claw	42
Second finger with claw	65
Third finger metacarp	63
» » 1st phalanx	47
» » 2nd phalanx	65
Fourth finger metacarp	63
» » 1st phalanx	35
» » 2nd phalanx	42
Fifth finger metacarp	63
» » 1st phalanx	27
» » 2nd phalanx	31
Tibia	50
Foot with claws	29

Hab. Celebes, Boné. (v. Rosenberg).